

**2011 WorldSkills Australia School / College  
Metals & Engineering Competition  
MLS11/6 Marking Scale**

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**COMPETITOR NAME:** \_\_\_\_\_

**COMPETITOR NUMBER:** \_\_\_\_\_

**COMPETITOR SCHOOL:** \_\_\_\_\_

**WORKSKILL REGION:** \_\_\_\_\_

**EMPLOYER:** \_\_\_\_\_

**MARKING SUMMARY**

Element		Score	
Metal Clamp		Possible Mark	Actual Mark
<b>A</b>	O H & S	15	
<b>B</b>	Planning	15	
<b>Manufacturing</b>			
<b>C</b>	Size	40	
<b>D</b>	Finish	20	
<b>E</b>	Fit & Assembly	10	
<b>Preliminary Score</b>		<b>100</b>	
<b>Replacement Deductions</b>			
<b>OH&amp;S - OK?</b>		<b>Check Page 2</b>	(Tick)
<b>Final Score</b>		<b>100</b>	
<b>Competence Awarded</b>		<b>All Elements</b>	(Tick)

**Note:** All marks are to be taken to two (2) decimal points and NOT rounded off.  
A Penalty of 2 Marks will be deducted from the competitors score in the event of Re-Issue of each page of materials

\_\_\_\_\_  
Signed Chief Judge

\_\_\_\_\_  
Signed Auditing Judge

I certify that the assessment results have been achieved in accordance with the WorldSkills Australia Operational Guidelines

**Tie Break Rule**

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In the event of a tie, scores for those Skill areas marked with an \* shall be tallied and the higher ranking shall be awarded to the greater score.

<b>Tie Break Score</b>	
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**Occupational Health & Safety**

OH&S shall be assessed by way of cautions.

- A caution will be given for any action on the competitor's part that may be deemed by a qualified assessor as compromising the safety of either themselves or others.
- A caution will also be give for any failure to wear appropriate or legislatively required personal protective equipment [applicable also to simulated environments].

**Note:**

- Only three cautions may be given.
- On receipt of the second caution the competitor must be given notice that a third indiscretion will cause disqualification.
- Each caution must be entered into the table below, complete with reason for caution being given and the assessor's signature.
- No Points shall be deducted for cautions.
- Should a competitor show his or herself to be unfamiliar with a piece of equipment, an assessor may offer instruction on that equipment at the expense of time to that competitor. This may be done in place of recording a caution at the judge's discretion and with the competitor's consent.
- A competitor may request instruction on equipment with which they are unfamiliar at the expense of their own time.

Name of Assessor	Reason
Signature:	

Third Caution: Disqualification		
Assessor's Signature	Time	Reasoning

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**Material Replacement**

This is a competency assessment and thus the necessity to replace materials would ordinarily indicate a lack of said competence. In the instance of making the clamp however additional material is permissible at a points cost per metre rate as follows:

A Penalty of 2 Marks will be deducted from the competitors score in the event of re-issue of each page of materials

In the following circumstances only replacement is without cost:

- When that material may be regarded as incidental to the task e.g. screws
- When the material is of poor quality or has been damaged through no fault of the competitor.

**No points shall be deducted for the above substitution or replacement**

**Note:** Should metals be rendered unusable due to your own actions then no replacement is possible and you will be disqualified – ie. the primary assessment goal of task competence has not been demonstrated.

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<b>1. Occupational Health &amp; Safety</b>	<b>MEM 1.2 FA</b>	
<b>Performance Criteria</b>	<b>Yes</b>	<b>No</b>
1.1 Work carried out safely	5	0
1.2 Housekeeping undertaken	2	0
1.3 Personal Protective Equipment is used and stored	4	0
1.4 Safety Equipment used correctly (BREACH OF SAFETY)	4	0
<b>Score 15</b>		
<b>Tally to A Page 1</b>		

<b>Is the competitor competent?</b>	
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<b>2. Planning</b>	<b>MEM 1.4 FA &amp; MEM 9.2AA</b>	
<b>Performance Criteria</b>	<b>Yes</b>	<b>No</b>
1. Written job plan	2	0
2. Key steps identified	2	0
3. Logical sequence	2	0
4. Workability of plan	2	0
5. Materials list completed	1	0
6. Parts identified	2	0
7. Size correct	2	0
8. Materials correct	2	0
<b>Score 15</b>		
<b>Tally to 'B' page 1</b>		

<b>Is the competitor competent?</b>	
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<b>3. Measurements of project</b>	MEM 13 FA, MEM2.5 C11A, MEM9.2AA, MEM18.1AA, MEM18.2AA	
<b>Performance Criteria</b>	<b>Yes</b>	<b>No</b>
<b>1. Base Plate</b>		
Size 75x100x6	2	0
Datums - Flat	1	0
Square	2	0
Ø 10 holes -10 mm from Datum A	2	0
- 60mm from Datum B	2	0
-15mm from Datum B	2	0
Ø 6 holes - 50mm from Datum A x 2	2	0
- 60mm from Datum B	2	0
- 15mm from Datum B	2	0
Radii 10mm - marked correctly x 2	2	0
<b>2. Support Plate</b>		
(C) Datum filed	1	0
square	2	0
Size 75x18x10	2	0
6.5 holes - 10 mm from long edge	1	0
- 15 mm from datum	1	0
- 60 mm from datum	1	0
CSK – to suit screws x 2	2	0
<b>3. Clamping plate</b>		
(D) Datum filed	1	0
Size 75x20x10	1	0
Ø 10.5 holes - centred	1	0
- 15 mm from datum	1	0
- 60 mm from datum	1	0
Chamfers 3x45°	1	0
<b>4. Locating Screws</b>		
Length - 55	2	0
Thread	2	0
Slot 3x2mm	1	0
<b>Score 40</b>		
<b>Tally to 'C' page 1</b>		

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<b>4. Finish</b>	MEM 18.1 AA, MEM 18.2AA, MEM 2.5 C11A, MEM 1.3 FA & MEM 2.1C12A	
<b>Performance Criteria</b>	<b>Yes</b>	<b>No</b>
<b>1. Base</b>		
Datum A	1	0
Datum B	1	0
Cut end	2	0
Radii (Radius, Gauge & finish)	3	0
<b>2. Support Plates</b>		
Datum end	1	0
Other end	2	0
<b>3. Clamping Plate</b>		
Datum end	1	0
Other end	1	0
Chamfers	2	0
<b>4. Locating Screw</b>		
Both ends	1	0
Thread finish	3	0
Slot finish	1	0
Finish on shank	1	0
<b>Score 20</b>		
<b>Tally to 'D' page 1</b>		

<b>Is the competitor competent?</b>	
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<b>5. Fit and Assembly</b>	<b>MEM 2.1C12, MEM 2.5C11A, MEM 18.1AA and MEM 18.2AA</b>	
<b>Performance Criteria</b>	<b>Yes</b>	<b>No</b>
1. Completed Assembly	2	0
2. Support plate to base plate (does it screw together?)	2	0
3. Square to base plate	1	0
4. Screw square	1	0
5. Screws cut to length	1	0
6. Clamping plate to base plate	1	0
7. Clamping plate square to datums	1	0
8. Locking screws square to face	1	0
<b>Score 10</b>		
<b>Tally to 'E' page 1</b>		

<b>Is the competitor competent?</b>	
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